

CONFIGURATION MIGRATION TOOL

FortiConverter Release Notes

VERSION 5.2.1

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FortiConverter 5.2.1 Release Notes

1st Edition

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Introduction

This document provides installation instructions and caveats, resolved issues, and known issues for FortiConverter 5.2.1, build 0194.

FortiConverter provides a solution for the conversion of numerous firewall configurations into a FortiOS-compatible format. It currently supports the conversion of Cisco, Check Point, Juniper, SonicWall, Palo Alto Networks, McAfee and Alcatel-Lucent Brick configurations. It also supports the conversion of FortiOS to a different FortiOS version.

A trial version is available, which provides full functionality for Fortigate-to-Fortigate tasks. For all other conversions, you can complete a conversion and view the results in the tuning page. All other functionality is disabled until you upload the full license. In most cases, this limited functionality is sufficient to allow you to evaluate the product.

SKU	Description
FC-10-CON01-401-01-12	1-year multi-vendor configuration migration tool for building FortiOS configurations, requires Windows.
FC-10-CON01-401-02-12	1-year renewal multi-vendor configuration migration tool for building FortiOS configurations, requires Windows.



If you do not renew the license, functionality reverts to the trial version.

For additional documentation, please visit:

<http://docs.fortinet.com/forticonverter/>

What's new

FortiConverter 5.2.1, build 0194, is a patch release only. There are no new features and enhancements in this release. For more information, see ["Resolved issues" on page 11](#) and ["Known issues" on page 13](#).

System requirements

FortiConverter is designed to run on the following Microsoft Windows platforms:

- Microsoft Windows 10
- Microsoft Windows 8 (32-bit or 64-bit)
- Microsoft Windows 7 (32-bit or 64-bit)
- Microsoft Windows Server 2008 (32-bit or 64-bit)

Supported versions and conversions

Vendor	Models	Versions	Convertible objects
Alcatel-Lucent	Brick	ALSMS v9.x	Addresses & Address Books Interfaces (physical, logical, loopback, PPPoE) Partitions Services & Service Books Static routes Zone rule set
	SmartCenter	NG FP1 (4.0) to NGX R77	Addresses & Address Groups Interfaces (Physical, Logical, Loopback, PPPoE) Local Users & Groups NAT (Automatic & Rule) Negate Cell Policies (rulebases.fws) RADIUS, TACACS+, & LDAP
Check Point	Provider-1	NGX R65 to R77	Rules Schedules Services & Service Groups Static routes VPN (IPSec)
	PIX ASA FWSM	4.x to pre-8.3, 8.3 and later, 9.x	ACLs Addresses & Address Groups DHCP Servers DNS Servers
Cisco	IOS	10.x to 12.x 15.x	Interfaces (Physical, Logical, Loopback, PPPoE, Tunnel) IP Pools Local Users & Groups NAT (including Object NAT and Double NAT) RADIUS, TACACS+, & LDAP Services & Service Groups Static Routes Time Ranges VPN (IPSec, PPTP/L2TP, EZVPN)
	IOS XR	4.x, 5.x, 6.x	Addresses & Address Groups & FQDNs Interfaces IP Pools Policies
	Nexus	5.2, 6.x, 7.x	Services & Service Groups Static Routes

Vendor	Models	Versions	Convertible objects
Juniper	SSG/ISG	ScreenOS 5.x, 6.x	Addresses & Address Groups & FQDNs DHCP Servers & Clients & Relays Interfaces (Physical, Logical, Loopback, PPPoE, Tunnel) Static Routes Services & Service Groups Policies VIPs/MIPs NAT IP Pools VPN (IPSec, PPTP/L2TP) Local Users & Groups RADIUS & LDAP Zones
	SRX	Junos OS 10.x to 12.x	Addresses & Address Groups & FQDNs DHCP Servers & Client & Relay Interfaces (Physical, Logical, Loopback, PPPoE, Tunnel) IP Pools Local Users & Groups NAT Policies RADIUS & LDAP Services & Service Groups Static Routes VIPs/MIPs VPN (IPSec, PPTP/L2TP) Zones
	MX	Juno OS 10.x to 12.x	Addresses & Address Groups & FQDNs Interfaces IP Pools Policies Services & Service Groups Static Routes
McAfee	Sidewinder	7.x	Addresses & Address Groups & FQDNs Interfaces IP Pools Policies Services & Service Groups Static Routes

Vendor	Models	Versions	Convertible objects
Palo Alto Networks	PA	PAN-OS 1.x to 6.x	Addresses & Address Groups & FQDNs Interfaces Local Users & Groups NAT (partial) Policies Schedules Static Routes Services & Service Groups Zones
SonicWall	NSA Series	SonicOS Enhanced 5.x	Addresses & Address Groups & FQDNs DHCP Servers & Clients & Relays Interfaces (Physical, Logical, Loopback, PPPoE) Local Users & Groups NAT Policies Schedules Services & Service Groups Static Routes Zones

Upgrading

The FortiConverter installation process creates a desktop shortcut you can use to open the product.

If you installed a version earlier than 5.0 and install version 5.0 or later, the FortiConverter installer does not replace the old shortcut icon with the new icon used for version 5.0 or later. (This does not affect FortiConverter functionality in any way.)

To change to the new desktop icon, before you install the later version, either uninstall the earlier version of FortiConverter or delete the desktop icon.

Resolved issues

The resolved issues listed below do not list every bug that has been corrected with this release. For inquiries about a particular bug, please contact [Fortinet Customer Service & Support](https://support.fortinet.com):

<https://support.fortinet.com>

Resolved issues

Bug ID	Description
400923	Converted VIP objects are overwritten with incorrect MIP name.
400902	ScreenOS logical interface settings can't be converted correctly.
398278	Palo Alto Networks to FortiGate (FGT) conversion improvements
397056	Issues with FortiConverter and SonicWall NSA 3500 - FG500D
394832	Juniper SSG to FortiGate conversion issues
393499	Palo Alto Networks Internet Protocol Security (IPSec) Virtual Private Network (VPN) conversion support
389976	Sonicwall 6.2.4 config converting errors
389195	Object sorting
376947	Cannot convert Palo Alto Networks IPSec VPN configuration to FortiGate
384141	Check Point policy conversion
378264	ScreenOS configuration conversion output issue
401589	FGT - FGT migration issue with v5.2.0 GA build 0179
399518	FGT-311B to 300D migration
395105	Palo Alto Networks to FortiGate 500D conversion
394187	Juniper-ScreenOS Conversion physical interface issue
397486	Cisco ASA converter cannot convert global Access Control Lists (ACLs).
397315	Cisco time conversion error
397021	FortiConverter - Media Gateway Control Protocol (MGCP) service group causes errors in 5.2.

Bug ID	Description
395718	FGT-FGT migration from 80C to 60E
393734	ScreenOS recurrent scheduler
392146	Sonicwall conversion output to FOS5.4 cannot be loaded to FG-60D.
382208	Issue with interfaces on policies where VIPs should be specified
366643	Network Address Translation (NAT) control support in Cisco conversion
366644	Adding ACL source config line to converted NAT policies
385798	Several Check Point conversion fixes
	FortiConverter did not filter certain NAT objects based on the "Install On" field.

Known issues

The issues listed below do not include every known bug. For inquiries about a particular bug, please contact [Fortinet Customer Service & Support](#):

<https://support.fortinet.com>

Known issues

Bug ID	Description
377624	FortiConverter software update feature cannot use existing HTTP proxy settings.
377705	ScreenOS conversion has undefined service objects.
303518	Some Cisco PIX Network Address Translation (NAT) issues remain.
366233	There are still issues converting older FortiGate (FGT) versions (i.e., 3.0 and 4.2).
401100	ScreenOS recurrent schedule object conversion
400963	FortiConverter will not enable NAT if the destination has "negate" enabled.
398558	Check Point NAT merge issues
393523	McAfee conversion issues
394353	Some NAT statements are not supported for Cisco PIX.
392920	ScreenOS occasionally uses Internet-Locator-Service instead of Lightweight Directory Access Protocol (LDAP).
391439	Cisco ASA 8.2 conversion output errors
388552	Netscreen conversion modifications
383956	Juniper SSG config conversion from virtual router to FGT VDOM
383325	Palo Alto Networks conversion issues
382592	Cisco ASA 9.x NAT merge issues
378062	FortiConverter license activation behind Web Proxy with Authentication

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